UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

4,

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

12/03/2003

SUGHRUE MION ZINN MACPEAK & SEAS 2100 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20037

EXAMINER

GARCIA, JOANNIE A

ART UNIT PAPER NUMBER

2823

DATE MAILED: 12/03/2003

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/421.273 | 10/20/1999 | KAORII NARITA | O56320 | 3894 |

TITLE OF INVENTION: SEMICONDUCTOR DEVICE HAVING PROTECTION CIRCUIT IMPLEMENTED BY BIPOLAR TRANSISTOR FOR DISCHARGING STATIC CHARGE CURRENT AND PROCESS OF FABRICATION

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1330 | \$0 | \$1330 | 03/03/2004 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents

| | | | or <u>Fax</u> | Alexandria, Vir (703) 746-4000 | ginia 22313-1450 | | |
|--|--|---|---|---|--|---|--|
| INSTRUCTIONS: This for appropriate. All further co-indicated unless corrected maintenance fee notification | below of differen officialise | Patent, advance on the Block 1, by (a | JE FEE and PUB | LICATION FEE (if req | uired). Blocks 1 through 4 swill be mailed to the current s; and/or (b) indicating a sep | should be completed where t correspondence address as arate "FEE ADDRESS" for | |
| CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) | | | | Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. | | | |
| | 590 12/03/2003 ON ZINN MACPEAR | | | | | | |
| 2100 PENNSYLV WASHINGTON, I | | Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the Uni States Postal Service with sufficient postage for first class mail in an envel addressed to the Mail Stop ISSUE FEE address above, or being facsir transmitted to the USPTO, on the date indicated below. | | | | | |
| | | | | | | (Depositor's name) | |
| | | | | | | (Signature) | |
| | | | | | | (Date) | |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INV | ENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
| 09/421,273 | 10/20/1999 | | KAORU NARITA | | Q56320 | 3894 | |
| | ENT AND PROCESS OF FA | ABRICATION | | | | | |
| APPLN, TYPE | SMALL ENTITY | ISSUE F | EE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE | |
| nonprovisional | NO | \$1330 | 0 | \$0 | \$1330 | 03/03/2004 | |
| EXAN | 1INER | ART UNIT | | CLASS-SUBCLASS | 7 | | |
| GARCIA, J | IOANNIE A | 2823 | 23 257-173000 | | _ | | |
| CFR 1.363). Change of correspond Address form PTO/SB/1 "Fee Address" indicati | e address or indication of "F ence address (or Change of C 22) attached. ion (or "Fee Address" Indica or more recent) attached. Us | Correspondence | names of up t agents OR, alte firm (having as agent) and the | on the patent front page to 3 registered patent ernatively, (2) the name is a member a registered names of up to 2 registered ents. If no name is lister | of a single attorney or 2 tered patent | | |
| 3. ASSIGNEE NAME AND | RESIDENCE DATA TO B | E PRINTED ON T | THE PATENT (prin | nt or type) | | | |
| PLEASE NOTE: Unless been previously submitte (A) NAME OF ASSIGN | d to the USPTO or is being s | submitted under se | parate cover. Comp | the patent. Inclusion of a pletion of this form is NO CITY and STATE OR CO | assignee data is only appropri T a substitute for filing an ass DUNTRY) | ate when an assignment has ignment. | |
| Please check the appropriate | assignee category or catego | ries (will not be pr | inted on the patent) | ; 🗅 individual 🚨 | corporation or other private g | roup entity | |
| 4a. The following fee(s) are | enclosed: | 46 | . Payment of Fee(s |): | | | |
| ☐ Issue Fee | | | A check in the | amount of the fee(s) is en | closed. | | |
| ☐ Publication Fee | | | ☐ Payment by credit card. Form PTO-2038 is attached. | | | | |
| ☐ Advance Order - # of | Copies | | ☐ The Director is Deposit Account? | s hereby authorized by o Number | charge the required fee(s), or (enclose an extra c | credit any overpayment, to copy of this form). | |
| Director for Patents is reque | sted to apply the Issue Fee a | nd Publication Fee | (if any) or to re-ap | ply any previously paid | issue fee to the application ide | entified above. | |
| (Authorized Signature) | | (Date) | | | | | |
| NOTE; The Issue Fee and other than the applicant; interest as shown by the re- | d Publication Fee (if require a registered attorney or agreed attorney or agreed of the United States Broads of th | ed) will not be ac ent; or the assigne | cepted from anyon | ne n | | | |

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandra, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 09/421,273 10/20/1999 KAORU NARITA Q56320 3894 12/03/2003 EXAMINER SUGHRUE MION ZINN MACPEAK & SEAS GARCIA, JOANNIE A 2100 PENNSYLVANIA AVENUE NW PAPER NUMBER ART UNIT WASHINGTON, DC 20037 2823

DATE MAILED: 12/03/2003

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|---------------------------------|----------------------------|----------------------|---------------------|------------------|--|
| 09/421,273 10/20/1999 | | KAORU NARITA | Q56320 | 3894 | |
| 75 | 12/03/2003 | | EXAMINER | | |
| | N ZINN MACPEAR | GARCIA, JOANNIE A | | | |
| 2100 PENNSYLVA WASHINGTON, I | ANIA AVENUE NW DC 20037 | | ART UNIT | PAPER NUMBER | |
| | | | 2823 | | |

DATE MAILED: 12/03/2003

Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.